

Biography

R. Mauke

Born in Meißen, Germany at 3 March 1969; 1986–1988 diploma from German secondary school qualifying for university admission and professional training (toolmaker) 1990–1995 civil engineering studies at faculty of Geosciences, Geotechnique and Mining at Technical University—Bergakademie Freiberg and degree as geotechnical engineer 1995–1999 technical employee at WBI GmbH in Aachen, Germany (Prof. W. Wittke)—rock mechanic related repository and tunnelling projects: Schacht Konrad, Stuttgart 21, Morsleben: i. g. Permeability measurements together with SANDIA Lab 1999–today scientific employee at Federal Office for Radiation Protection (BfS) in Salzgitter, Germany - Department —Safety of Nuclear Waste Management— over 10 years: Section —Post-Closure Safety— (now: after reorganisation: Section —Morsleben Subject-Specific Questions—); Ralf Mauke holds a degree as graduate geotechnical engineer at the faculty of Geoscience, Geotechnique and Mining at Technical University Bergakademie Freiberg. He has worked on repository sciences since 1995 and also other rock mechanic related repository and tunnelling projects (like —Konrad— and —Stuttgart 21—). For the BfS he led the design and analysis work for the Morsleben drift seal systems over 10 years, oversee backfilling measures, and is responsible for different research items related to the closure concept of the Morsleben repository including the ongoing large scale testings of the sealing measures. Dr. Mauke presented at the third US/German Workshop on the topic of In Situ Investigation of the Morsleben Drift Seal.